29/762542 Efficopy for the designated Office (DO/US)
(2FCI(Francomia ATENT COOPERATION TRUTY

		From t	he INTERNATIONAL	BUREAU
PCT		То:		
NOTIFICATION OF THE RECORDIN OF A CHANGE (PCT Rule 92bis.1 and Administrative Instructions, Section 4 Date of mailing (day/month/year) 12 February 2001 (12.02.01)		Hew 3404 P.O. Fort	SKI, Raymond, A. vlett-Packard Compan 4 E. Harmony Road Box 272400/MS 35 Collins, CO 80527-24 TS-UNIS D'AMERIQU	00
Applicant's or agent's file reference			IMPORTANT NO	TIFICATION
International application No.		 		
PCT/US00/15126			nal filing date (day/month/ une 2000 (01.06.00)	(year)
1. The following indications appeared on record conthe the applicant the inventor Name and Address JENSKI, Raymond, A. 1000 NE Circle Blvd., m/s 422B	-	X the ager	State of Nationality Telephone No.	non representative State of Residence
Corvallis, OR 97330 United States of America			1-541-715-8441	
			Facsimile No.	
<i>7</i>			1-541-715-8581	
			Teleprinter No.	
2. The International Bureau hereby notifies the appli	icant that t	he following	change has been recorded	concerning:
the person the name	the add	dress	the nationality	the residence
Name and Address JENSKI, Raymond, A. Hewlett-Packard Company			State of Nationality Telephone No.	State of Residence
3404 E. Harmony Road P.O. Box 272400/MS 35			1-541-715-8441	
Fort Collins, CO 80527-2400 United States of America			Facsimile No.	
			1-541-715-8581	
•			Teleprinter No.	
3. Further observations, if necessary:	 			
4. A copy of this notification has been sent to:				
X the receiving Office		[:	X the designated Offices	concerned
the International Searching Authority		F	the elected Offices cor	
the International Preliminary Examining Author	ority		other:	
The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland		Authorized o	officer C. Cupello	
Facsimile No.: (41-22) 740.14.35	ŀ	Telephone N	lo · (41-22) 338 83 38	

INTERNATIONAL SEARCH REPORT

			int vtiona	Application No
			/US	99/12179
A. CLASS IPC 6	G06F17/21	,		
According	to International Patent Classification (IPC) or to both national classi	ification and IPC		
B. FIELDS	SEARCHED			
Minimum d IPC 6	locumentation searched (classification system followed by classific $G06F$	ation symbols)		
Documenta	ation searched other than minimum documentation to the extent tha	at such documents are inclu	ided in the fiel	de searched
Electronic o	data base consulted during the international search (name of data t	hans and whore practical	h tarma	
		DGOV KIIN, WIIGIV PIRGUMAAA,		used)
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT			
Category °	Citation of document, with indication, where appropriate, of the n	elevant passages		Relevant to claim No.
X	WO 98 04988 A (MOORE BUSINESS FO 5 February 1998 (1998-02-05)	A (MOORE BUSINESS FORMS INC) 998 (1998-02-05)		1,3-5,7, 8,10,11,
	page 5, line 10 - page 8, line page 19, line 19 - page 25, lin	ne 2		14
X	EP 0 814 425 A (SCITEX DIGITAL PINC) 29 December 1997 (1997-12-2 column 2, line 29 - column 3, 1 column 4, line 10 - column 7, 1	9) ine 18		1,3-8, 10,11,13
A	EP 0 674 277 A (ADOBE SYSTEMS IN 27 September 1995 (1995-09-27) column 6, line 9 - column 9, li			1-14
A	WO 98 10356 A (DESIGN INTELLIGENT 12 March 1998 (1998-03-12) page 1, line 11 - page 6, line 2	·		1-14
	or documents are listed in the continuation of box C.	X Patent family me	mbers are list	ed in annex.
"A" document consider "E" earlier do filling dat "L" document which is citation of "O" document other me document later that	t which may throw doubts on priority claim(s) or cited to establish the publication date of another or other special reason (as specified) it referring to an oral disclosure, use, exhibition or sans t published prior to the international filing date but in the priority date claimed	caed to understand if invention "X" document of particular cannot be considered involve an inventive s "Y" document of particular cannot be considered document is combine	of in conflict with principle or relevance; the down or can step when the crelevance; the down of with one or retion being obv	in the application but theory underlying the sclaimed invention not be considered to document is taken alone a claimed invention inventive step when the more other such document to a person skilled
	stual completion of the international search	Date of mailing of the		search report
		16/09/199	19 	<u> </u>
tame and ma	iling address of the ISA European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax (+31-70) 340-2040	Authorized officer		
	Fax: (+31-70) 340-3016	Bowler, A	ı	

INTERNATIONAL SEARCH REPORT

information on patent family members

	-	γ		/US	99/12179
Patent document cited in search repo	rt	Publication date	F	Patent family member(s)	Publication date
WO 9804988	A	05-02-1998	AU EP	3727597 A 0857335 A	20-02-1998 12-08-1998
EP 0814425	A	29-12-1997	AU CA JP	2493297 A 2207840 A 10091621 A	08-01-1998 18-12-1997 10-04-1998
EP 0674277	A	27-09-1995	US AU CA JP	5666543 A 1500395 A 2145216 A 8083337 A	09-09-1997 05-10-1995 24-09-1995 26-03-1996
WO 9810356	A	12-03-1998	US US US AU EP	5895476 A 5903902 A 5895477 A 4334197 A 0925542 A	20-04-1999 11-05-1999 20-04-1999 26-03-1998 30-06-1999

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ttional Application No

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 14 December 2000 (14.12.2000)

PCT

(10) International Publication Number WO 00/75798 A1

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(21) International Application Number: PCT/US00/15126

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1 June 2000 (01.06.2000)

(25) Filing Language:

English

G06F 15/00

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English

(30) Priority Data: 09/325,040

7 June 1999 (07.06.1999) US

(71) Applicant (for all designated States except US):
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Harmony Road, P.O. Box 272400 m/s 35, Fort Collins, CO 80527-2400 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): BRYAN, Shane, A. [US/US]; 1676 SW Knollbrook Place, Corvallis, OR 97333 (US). BRONSTEIN, Kenneth, H. [US/US]; 3720 Glenridge Drive, Corvallis, OR 97330 (US). GUPTA, Aloke

[IN/US]; 3630 NW Twinberry Place, Corvallis, OR 97330 (US).

- (74) Agents: JENSKI, Raymond, A. et al.; 1000 NE Circle Blvd., m/s 422B, Corvallis, OR 97330 (US).
- (81) Designated States (national): AU, BR, CA, CN, CZ, HU, IL, IN, JP, KR, MX, NZ, PL, RU, SG, US, ZA.
- (84) Designated States (regional): European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).

Published:

- With international search report.
- Before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments.

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A MULTI-SOURCED EXTENSIBLE PUBLISHING AND EDITORIAL SYSTEM AND RELATED METHODS

DOCUMENT DELIVERY SYSTEM 10 300 DOCUMENT SERVER 100 PRINTING DEVICE - 150 MODULE.E PRINTING EDIT NETWOR 380 PS PM DEVICE PRINTING KNOWLEDGE MODULE PS 390 ELECTRICAL PRINTING DEVICE DEVICE DISTRIBUTION MODULE 370

(57) Abstract: A method for receiving information at a document delivery server (100) from a producer to generate and/or update a publication profile, periodically acquiring content objects from one or more content providers (50) based, at least in part, on the publication profile, and generating the publication utilizing one or more of the retrieved content objects. According to one implementation, the generated publication is a mock-up, which is presented to the producer to review and/or edit prior to final publication.

00/75798 A1





PCT

NOTICE INFORMING THE APPLICANT OF THE COMMUNICATION OF THE INTERNATIONAL APPLICATION TO THE DESIGNATED OFFICES

(PCT Rule 47.1(c), first sentence)

From the INTERNATIONAL BUREAU

To:

JENSKI, Raymond, A. 1000 NE Circle Blvd., m/s 422B Corvallis, OR 97330 ETATS-UNIS D'AMERIQUE

Date of mailing (day/month/year)

14 December 2000 (14.12.00)

Applicant's or agent's file reference

10001408-1

IMPORTANT NOTICE

International application No. PCT/US00/15126

International filing date (day/month/year)
01 June 2000 (01.06.00)

Priority date (day/month/year) 07 June 1999 (07.06.99)

Applicant

HEWLETT-PACKARD COMPANY et al

 Notice is hereby given that the International Bureau has communicated, as provided in Article 20, the international application to the following designated Offices on the date indicated above as the date of mailing of this Notice: AU.KR.US

In accordance with Rule 47.1(c), third sentence, those Offices will accept the present Notice as conclusive evidence that the communication of the international application has duly taken place on the date of mailing indicated above and no copy of the international application is required to be furnished by the applicant to the designated Office(s).

2. The following designated Offices have waived the requirement for such a communication at this time:

BR,CA,CN,CZ,EP,HU,IL,IN,JP,MX,NZ,PL,RU,SG,ZA

The communication will be made to those Offices only upon their request. Furthermore, those Offices do not require the applicant to furnish a copy of the international application (Rule 49.1(a-bis)).

 Enclosed with this Notice is a copy of the international application as published by the International Bureau on 14 December 2000 (14.12.00) under No. WO 00/75798

REMINDER REGARDING CHAPTER II (Article 31(2)(a) and Rule 54.2)

If the applicant wishes to postpone entry into the national phase until 30 months (or later in some Offices) from the priority date, a demand for international preliminary examination must be filed with the competent International Preliminary Examining Authority before the expiration of 19 months from the priority date.

It is the applicant's sole responsibility to monitor the 19-month time limit.

Note that only an applicant who is a national or resident of a PCT Contracting State which is bound by Chapter II has the right to file a demand for international preliminary examination.

REMINDER REGARDING ENTRY INTO THE NATIONAL PHASE (Article 22 or 39(1))

If the applicant wishes to proceed with the international application in the national phase, he must, within 20 months or 30 months, or later in some Offices, perform the acts referred to therein before each designated or elected Office.

For further important information on the time limits and acts to be performed for entering the national phase, see the Annex to Form PCT/IB/301 (Notification of Receipt of Record Copy) and Volume II of the PCT Applicant's Guide.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland

Authorized officer

J. Zahra

Facsimile No. (41-22) 740.14.35 Telephone No. (41-22) 338.83.38

Form PCT/IB/308 (July 1996)

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PATENT COOPERATION TREATY

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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference	FOR FURTHER ACTION	See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)			
International application No.	International filing date (day/mor	nth/year) Priority date (day/month/year)			
PCT/US00/15126	01 June 2000 (01.06.2000)	07 June 1999 (07.06.1999)			
International Patent Classification (IPC)	or national classification and IPC				
IPC(7): G06F 15/00 and US Cl.: 358/1.	1, 1.12, 1.13, 1.14, 1.15, 1.16				
Applicant					
HEWLETT-PACKARD COMPANY					
Examining Authority and	nary examination report has been is transmitted to the applicant at a total of sheets, including	•			
2. This REPORT consists of	a total of 3 sheets, including	this cover sneet.			
which have been ame	ended and are the basis for this	, sheets of the description, claims and/or drawings report and/or sheets containing rectifications made 07 of the Administrative Instructions under the PCT).			
These annexes consist of a	These annexes consist of a total of sheets.				
3. This report contains indications relating to the following items:					
I Basis of the rep	ort				
II Priority					
III Non-establishm	ent of report with regard to nov	velty, inventive step and industrial applicability			
IV Lack of unity of	f invention				
	ent under Article 35(2) with regard to novelty, inventive step or industrial ations and explanations supporting such statement				
VI Certain docume		ung such statement			
	in the international application				
VIII Certain observa	tions on the international applic	ation			
Date of submission of the demand	Date	of completion of this report			
11 January 2001 (11.01.2001)	07 Au	rgust 2002 (07.08/2002)			
Name and mailing address of the IPEA/U Commissioner of Patents and Trademar		prized officer			
Box PCT Washington, D.C. 20231	Mark	E. Wallerson W/ X///////			
Facsimile No. (703)305-3230 Form PCT/IPEA/409 (cover sheet)(July 1)		hone No. (703) 305-4700			

International application No.
PCT/US00/15126

ī.	Basi	is of the report
1.	With	regard to the elements of the international application:*
	\boxtimes	the international application as originally filed.
	\boxtimes	the description:
		pages 1-27 as originally filed
		pages NONE, filed with the demand pages NONE, filed with the letter of
		the claims:
		pages 28-32, as originally filed pages NONE, as amended (together with any statement) under Article 19
		pages NONE, filed with the demand
		pages NONE , filed with the letter of
	\boxtimes	the drawings:
		pages 1-26 , as originally filed
		pages NONE , filed with the demand pages NONE , filed with the letter of
		the sequence listing part of the description:
		pages NONE, as originally filed pages NONE, filed with the demand
		pages NONE, filed with the letter of
2.	langi	h regard to the language, all the elements marked above were available or furnished to this Authority in the uage in which the international application was filed, unless otherwise indicated under this item. se elements were available or furnished to this Authority in the following language which is:
	Щ	the language of a translation furnished for the purposes of international search (under Rule23.1(b)).
	Ц	the language of publication of the international application (under Rule 48.3(b)).
		the language of the translation furnished for the purposes of international preliminary examination(under Rules 55.2 and/or 55.3).
3.		h regard to any nucleotide and/or amino acid sequence disclosed in the international application, the mational preliminary examination was carried out on the basis of the sequence listing:
		contained in the international application in printed form.
		filed together with the international application in computer readable form.
		furnished subsequently to this Authority in written form.
		furnished subsequently to this Authority in computer readable form.
!		The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
		The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.
4.	\boxtimes	The amendments have resulted in the cancellation of:
	_	
		the description, pages NONE
		the claims, Nos. NONE
		the drawings, sheets/fig NONE
5.	Ш	This report has been established as if (some of) the amendments had not been made, since they have been considered to go
*	Repla	beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).** accement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in
thi	is repo	on as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17). replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

International application No. PCT/US00/15126

V. Reasoned statement under Rule 66.2(a)(ii) v citations and explanations supporting such s	vith regar tatement	d to novelty,	inventive ste	p or industria	d applicability;
1. STATEMENT					
Novelty (N)	Claims	NONE			YES
100000 (0)	Claims				N0
	~• ·	MONTE			YES
Inventive Step (IS)	Claims Claims	NONE			NO NO
	Ciana	100			
Industrial Applicability (IA)	Claims				YES NO
	Claims	NONE		<u></u>	NO
2. CITATIONS AND EXPLANATIONS Please See Continuation Sheet					
Form PCT/IPEA/409 (Box V) (July 1998)					

International application No. PCT/US00/15126

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(To be used when the space in any of the preceding boxes is not sufficient)

V. 2. Citations and Explanations:

Claims 1-35 lack novelty under PCT Article 33(2) as being anticipated by Ferrel (U. S. 5,907,837).

With respect to claims 1 and 11, Ferrel discloses receiving information from a producer (publisher) to generate a publication profile (column 4, lines 15-22), selecting content objects received from one or more content providers based on the publication profile (column 4, lines 4-10 and 44-67), and generating a publication utilizing a subset of the content objects (column 4, lines 26-35 and column 7, lines 43-48).

With regard to claim 2, Ferrel discloses reviewing the publication and providing a final publication reflecting the edits (column 5, lines 33-40, column 8, lines 61-67 and column 10, lines 34-49).

With respect to claims 3, 4, 5, 7, and 8, Ferrel discloses distributing the publication to one or more subscribers (column 7, lines 43-47), and initializing a financial transaction with the content provider (column 13, lines 40-56).

With regard to claim 6, Ferrel discloses posting the final publication for delivery to requesting users (column 8, lines 61-67).

With respect to claim 9, Ferrel discloses identifying one or more genre of inforomation (column 7, lines 35-40).

With regard to claim 10, Ferrel discloses selecting content objects on a periodical basis in accordance with the profile (column 7, lines 14-22).

With respect to claims 12, 13, 16, 18, and 26, Ferrel discloses a data store to maintain plural content objects (column 8, lines 1-6), and a virtual editor (column 10, lines 17-49 and column 20, lines 44-67), wherein the editor generates an initial publication using the dynamically selected objects (column 7, lines 13-30) and the editor provides the producer with the initial publication via email (column 10, lines 1-15).

With regard to claim 14, Ferrel discloses the initial publication is generated in accordance with a format noted in the profile (column 7, line 60 to column 8, line 60).

With respect to claim 17, Ferrel discloses a software agent in a remote system (column 10, lines 1-15).

With regard to claims 19, 20, 21, 23, and 24, Ferrel discloses distributing the publication to one or more subscribers (column 7, lines 43-47), and initializing a finincial transaction with the content provider (column 13, lines 40-56).

With respect to claims 22 and 25, Ferrel discloses posting the final publication for delivery to requesting users (column 8, lines 61-

Form PCT/IPEA/409 (Continuation Sheet) (July 1998)

International application No. PCT/US00/15126

Supplemental Box To be used when the space in any of the preceding boxes is not sufficient)				
67).				
With respect to claims 27, 28, and 35, Ferrel discloses executable instructions which implement publication service to register a producer and generate a publication profile, and a dynamic editor to select content objects (column 9, lines 8-45, column 10, lines 1-15 and 34-39, adn column 7, lines 13-30).				
With regard to claim 29, Ferrel discloses the editor generates a final publication reflecting editorial modifications (column 12, lines 23-64).				
With respect to claims 30 and 31, Ferrel discloses distributing the final publication to users (column 10, lines 1-15 and column 9, lines 1-35-45).				
With regard to claims 32 and 33, Ferrel discloses distributing the publication to one or more subscribers (column 7, lines 43-47), and initializing a financial transaction with the content provider (column 13, lines 40-56).				
With respect to claim 34, Ferrel discloses identifying one or more genre of information (column 7, lines 35-40).				
NEW CITATIONS				
NONE				
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